



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

**AKIYAMA, Tomoyuki**

Group Art Unit: **Not Yet Assigned**

Serial No.: **10/708,219**

Examiner: **Not Yet Assigned**

Filed: **February 17, 2004**

For: **SEMICONDUCTOR OPTICAL AMPLIFIER SUITABLE FOR COARSE  
WDM COMMUNICATIONS AND LIGHT AMPLIFICATION METHOD**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 18, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP



Mel R. Quintos  
Attorney for Applicant  
Reg. No. 31,898

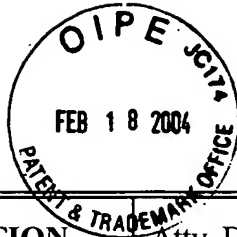
MRQ/lrj  
Atty. Docket No. **040027**  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



**23850**

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (2)



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. <b>040027</b>	Serial No. <b>10/708,219</b>
	Applicant(s): <b>AKIYAMA, Tomoyuki</b>	
	Filing Date: <b>February 17, 2004</b>	Group Art Unit: <b>Not Yet Assigned</b>

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					
_____	AE					

### FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF 2002-344090	11/29/02	Japan	Abstract
_____ AG 5-267795	10/15/93	Japan	Abstract
_____ AH			
_____ AI			
_____ AJ			

### OTHER DOCUMENTS

_____	AK	
_____	AL	

Examiner	Date Considered
----------	-----------------

January 26, 2004

WF816US

INFORMATION DISCLOSURE STATEMENT

The following references are submitted as information to  
comply with the duty of disclosure under 37 CFR1.56(a)

Document	Disclosed in the specification?		Copy			Abstract in English	
	Yes	No	Enc	Follow	Please obtain	Enc	Not Av aila ble
1. JP 2002-344090 Laid Open Nov. 29, 2002	X		X			X	
2. JP HEI-5-267795 Laid Open Oct. 15, 1993	X		X			X	

Short comment: